

- 20 housing, fill other spaces between the second ends of the hollow fiber membranes, and couple the second ends of the hollow fiber membranes to the second membrane housing;
- potting the first ends of the plurality of elongated hollow fiber membranes in the first membrane housing with the material;
- potting the second ends of the plurality of elongated hollow fiber membranes in
- 25 the second membrane housing with the material;
- connecting the first side support between the first membrane housing and the second membrane housing;
- connecting the first end plate to the first membrane housing; and
- connecting the second end plate to the second membrane housing.
29. The method according to claim 28, further comprising:
- providing a second side support configured to be connected between the first membrane housing and the second membrane housing; and
- connecting the second side support between the first membrane housing and the
- 5 second membrane housing.
30. The method according to claim 28, further comprising:
- providing a first O-ring configured to be positioned between the first membrane housing and the first end plate;
- providing a second O-ring configured to be positioned between the second
- 5 membrane housing and the second end plate;
- positioning the first O-ring between the first membrane housing and the first end plate before the first end plate is secured to the first membrane housing; and
- positioning the second O-ring between the second membrane housing and the second end plate before the second end plate is secured to the second membrane housing.
31. The method according to claim 28, further comprising:
- providing a first tube fitting configured to be connected to the first end plate;
- providing a second tube fitting configured to be connected to the second end plate;
- connecting the first tube fitting to the first end plate; and
- 5 connecting the second tube fitting to the second end plate.

32. The method according to claim 28, further comprising:
providing a flow divider configured to be connected to the first membrane housing; and
connecting the flow divider to the first membrane housing.